PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. 554922009200 UTILITY PATENT APPLICATION First Named Inventor or Application Identifier

TRANSMITTAL William R. PATTERSON (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. ER 451350810 US **Commissioner for Patents** APPLICATION ELEMENTS P.O. Box 1450 Address to: See MPEP chapters 600 concerning utility patent application contents. Mail Stop PATENT APPLICATION Alexandria, VA 22313-1450 1. Fee Transmittal Form (1 pages) CD-ROM or CD-R in duplicate, large table or Computer Program 7. 🔲 (Submit an original, and a duplicate for fee processing) (Appendix) Nucleotide and/or Amino Acid Sequence Submission Applicant claims Small Entity status, see 37 C.F.R. § 1,27 2. 8. 🔲 (if applicable, all necessary) Specification [Total Pages 74] 3. 🛛 a. Computer Readable Form (CRF) (preferred arrangement set forth below, MPEP 1503.01) b. Specification Sequence Listing on: - Descriptive title of the Invention i. CD-ROM or CD-R (2 copies); or - Cross Reference to Related Applications ii. paper (5 pages) - Statement Regarding Fed sponsored R&D c. Statement verifying identity of above copies (2 pages - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention ACCOMPANYING APPLICATION PARTS - Brief Description of the Drawings (if filed) - Detailed Description of the Invention (including drawings, if filed) 9. 🔲 Assignment Papers (cover sheet & document(s)) 37 CFR 3.73(b) Statement 10.  $\Box$ Power of Attorney - Abstract of the Disclosure (when there is an assignee) 4. 🛛 Drawing(s) (35 USC 113) [Total Sheets 8] 11. English Translation Document (if applicable) Information Disclosure Copies of IDS 5. Oath or Declaration [Total Sheets ] 12. Statement (IDS)/PTO-1449 Citations a. 🔲 Newly executed (original or copy) 13. Preliminary Amendment Copy from a prior application (37 CFR 1.63(d)) Return Receipt Postcard (MPEP 503) ъ. 🔲 14. (for continuation/divisional with Box 18 completed) (Should be specifically itemized) DELETION OF INVENTOR(S) Certified Copy of Priority Document(s) 15. 🔲 Signed statement attached deleting inventor(s) named in the prior (if foreign priority is claimed) application, see 37 CFR 1.63(d)(2) and 1.33(b). Nonpublication Request under 35 U.S.C. 122 (b)(2)(i). Applicant 16. must attach form PTO/SB/35 or it's equivalent 6. Application Data Sheet. See 37 CFR 1.76 (4 pages) 17. 18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: ☐ Continuation ☐ Divisional Continuation-in-part (CIP) of prior application No. filed Prior application information: Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 38706 Customer Number or 

Correspondence address below Insert Customer No. Firm SWISS LAW GROUP Individual Name Lorna L. Tanner (Reg. No. 30,113) Signature Date February 26, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 2023 1. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, DC 20231.

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail Label No. ER 451350810 US in an envelope
addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Dated: February 26, 2004

1/13em Wm K BENZ

FEE TRANSMITTAL			New York Assistance						
		Application Number				Not Yet Assigned			
for FY 2003			Filing Date				Concurrently Herewith		
Patent fees are subject to annual revision.	•				.,,,,	William R. PATTERSON			
		Examiner Name				Not Yet Assigned			
Applicant claims small entity status. See 37 CFR 1.27			Group Art Unit				Not Yet Assigned		
TOTAL AMOUNT OF PAYMENT (\$) 1,378.00		Attorney Docket No. 554922009200							
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)								
Check Credi t Money Other X None	3. ADDITIONAL FEES								
Card Order Street A House									
Deposit Account	Large Entity Small Entity								
Deposit Account	Fee	Fee	Fee	Fee	_	Fee Desc	ription		
Number	Code	(\$)	Code	(\$)			·	Fee Paid	
Deposit Account	1051	130	2051	65	-	- late filing fe			
Name The Commissioner is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge - sheet.	- late provisi	onal filing fee or cover		
Charge fee(s) indicated below Credit any overpayments	1053	130	1053	130		h specificatio	n		
Charge any additional fee(s) during the pendency of this	1812	2,520	1812		•		oarte reexamination	$\vdash$	
application	1804	920*	1804	920*	_		of SIR prior to	$\vdash \vdash \vdash$	
Charge fee(s) indicated below, except for the filing fee	1804	920"	1804		Examiner a	ction	•		
to the above-identified deposit account.	1805	1805 1,840* 1805 1,840* Requesting Examiner				ction	or SIR after		
FEE CALCULATION	1251	110	2251	55		or reply within			
1. BASIC FILING FEE	1252		2252	210			n second month		
Large Entity Small Entity Fee Fee Fee Fee Fee	1253		2253	475		or reply within			
Code (\$) Code (\$) Fee Description Fee Paid	1254		2254				n fourth month		
1001 770 2001 385 Utility filing fee 770.00 1002 340 2002 170 Design filing fee	1255 1401	2,010 330	2255 2401	1,005 165		or reply within	n fifth month	$\vdash$	
1002 340 2002 170 Design filing fee 1003 530 2003 265 Plant filing fee	1402		2401	165	Notice of A	ppeal of in support o	of an appeal	-	
1004 770 2004 385 Reissue filing fee	1403		2403	145	_	oral hearing			
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	P etition to i	nstitute a put	olic use proceeding		
SUBTOTAL (1) (\$) 770.00	1452	110	2452	55	Petition to r	revive – unavoidable			
555151112 (.) (b) 175.55	1453	1,330	2453	665	Petition to r	evive – unint	entional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Fee from	1501		2501	665		fee (or reiss	ue)		
Claims below Fee Paid	1502		2502	240	Design issu				
Total Claims 49 -20** = 29 x 18.00 = 522.00	1503		2503	320	Plant issue				
Claims 4 -3** = 1 x 86.00 = 86.00	1460		1460	130		the Commis			
Multiple Dependent 290.00 = 0.00	1807	50	1807	50	_		CFR 1.17(q)	$\vdash$	
Large Entity Small Entity Fee Fee Fee Fee	1806		1806	180			on Disclosure Stmt		
Code (\$) Code (\$)	8021	40	property (times number of properties)						
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385		ling a submission after final rejection 7 CFR 1.129(a))			
1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each a	ach additional invention to be			
1203   290   2203   145   Multiple dependent claim, if not paid   1204   86   2204   43   ** Reissue independent claims	1801	770	2801	385		mined (37CFR 1.129(b)) quest for Continued Examination (RCE)			
over original patent	1802	1802 900 1802 900 Request for expedited examination							
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		of a design a						$\vdash$	
		ther fee (specify)							
SUBTOTAL (2) (\$) 608.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)  **or number previously paid, if greater; For Reissues, see above								0.00	
SUBMITTED BY Complete (if applicable)									
Name (Print/Type) Lorna L. Tanner		tration No ney/Agent)		,782		Telephone		)	
Signature Date February 26, 2004									
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